

## CLAIMS

1. Method for treatment of patients in need of increasing insulin sensitivity which method  
5 comprises the administration of growth hormone or analogues thereof, preferably human growth hormone, in a low dose.
2. Method according to claim 1 in which the patient is a non-obese patient.
3. Method according to claim 1 or 2 in which the patient is not a growth hormone deficient patients.
- 10 4. Method according to any of claims 1 to 3 in which the dose is less than 0.008 mg/kg/day, preferably 0.007 mg/kg/day or less.
5. Method according to any of claims 1 to 4 in which the dose is 0.005 mg/kg/day or less.
6. Method according to any of claims 1 to 5 in which the dose is 0.003 mg/kg/day or less.
7. Method according to any of claims 1 to 6 in which the administration is performed  
15 during less than one month
8. Use of growth hormone or analogues thereof, preferably human growth hormone, for the manufacturing of a medicament useful for increasing insulin sensitivity for low dose therapy.
9. Use of growth hormone according to claim 8 in non-obese patients.
- 20 10. Use of growth hormone according to claim 8 or 9 in not growth hormone deficient patients.
11. Use of growth hormone according to any of claims 8 to 10, in which the dose is less than 0.008 mg/kg/d, preferably 0.007 mg/kg/day or less.
12. Use of growth hormone according to any of claims 8 to 11, in which the dose is 0.005  
25 mg/kg/d or less.

13. Use of growth hormone according to any of claims 8 to 12, in which the dose is 0.003 mg/kg/d or less.
14. Use of growth hormone according to any of claims 8-13 in which growth hormone is administrated during a period of less than one month.